

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/13379

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/68; C12P 19/34; C12N 15/63, 15/88; C07H 21/02, 21/04; A01N 43/04

US CL : 435/6, 91.1, 91.31, 455; 536/23.1, 24.5; 514/44

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/6, 91.1, 91.31, 455; 536/23.1, 24.5; 514/44

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
West, Dialog, Sequence Search

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,506,559 (FIRE et al) 14 January 2003, abstract, 4-5, 7-8-9, claims 1-10, 12, 15, 21.	1-18
Y	US 6,096,722 (BENNETT et al) 1 August 2000 (col. 2, 6, 8, 11-12, 17, 20, 24-25, 37-39, 43-48, 54-55, claims 1, 2, 6, 7, 8-22).	1-18

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document of the same patent family

Date of the actual completion of the international search

13 September 2005 (13.09.2005)

Date of mailing of the international search report

27 SEP 2005

Name and mailing address of the ISA/US

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